

DOCUMENTATION

TECHNIQUE

REFRIGERATED CABINETS

BIOSTORE

STAINLESS EXT: SR 600, SR 1300, SN 600, SN 1300

WHITE EXT: SRB 600, SRB 1300, SNB 600, SNB 1300

2 DOORS : SRR 2x300, SRN 2X300

TECHNICAL MANUAL INCLUDING
- USER MANUAL
- INSTRUCTIONS

BONNET

BONNET GRANDE CUISINE
Rue des Frères Lumière - Z.I. Mitry Compans
77292 MITRY MORY cedex
Tél. 01 60 93 70 00 - Fax. 01 60 93 70 43

USER MANUAL

REFRIGERATED CABINETS

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IMPORTANT RECOMMENDATIONS

- * This unit is designed for use in Restaurants or Catering facilities. It is not intended for industrial use.
- * Installation should be undertaken by a refrigeration engineer.
- * Avoid installing the unit near major sources of heat or in direct sunlight.
- * Note that too high an ambient temperature can reduce performance.
- * The compressor condenser must be cleaned regularly (every 3 to 6 months) by a refrigeration engineer.
- * Do not modify the electrical connection made during installation, particularly the earth continuity circuit.
- * The supply cable that is fitted is a specific part and should only be replaced with an original part. Ensure that the plug is easily accessible.
- * In the event of problems with the electrical circuit, only the installer or the manufacturer should intervene.
- * Observe hygiene guidelines by regularly cleaning the following:
 - . interior fittings
 - . door seal
 - . interior liningDo not use corrosive or acidic products.
- * Water splashing can cause damage.
 - . To avoid the risk of splash damage, do not clean with a hose or high-pressure spray.
 - . Do not locate the unit where it is exposed to the elements.
- * Reference to the label NF FOOD HYGIENE :
Certified by : AFAQ AFNOR Certification
11 Avenue Francis de Pressensé
93571 SAINT DENIS LA PLAINE
Cedex – France
- * The label NF FOOD HYGIENE complies with the NF031 requirement.
The main certified characteristics are :
 - . Cleaning qualification
 - . Refrigerating performances
- * If the installation, the use or the service is modified, the appliance will lose the right to use the label NF FOOD HYGIENE.

SPECIFICATION AND CHARACTERISTICS IN THIS DOCUMENT
MAY BE SUBJECT TO BE MODIFIED WITHOUT PRIOR NOTICE

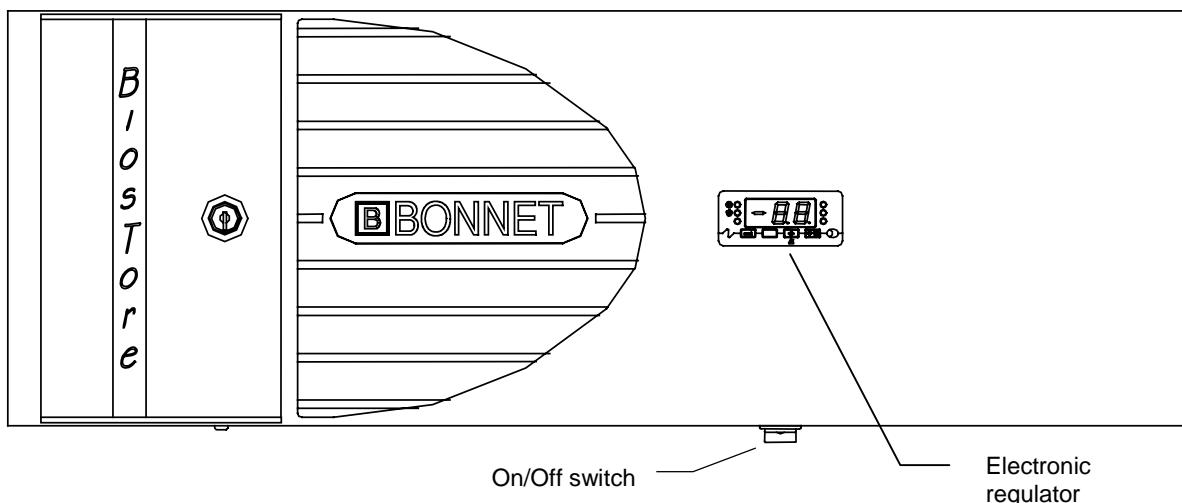
1. PRESENTATION OF THE CONTROL PANEL

1.1 IMPORTANT

The thermostat does not cut off the general power of the appliance.

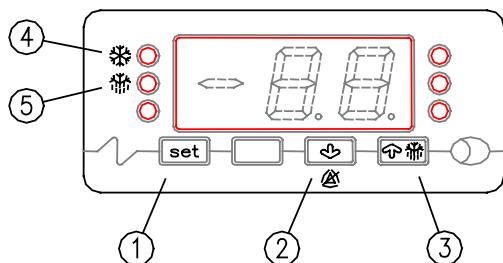
If the appliance is not used during a long time, power must be cut off with the On/Off switch, the plug or the disconnector because of the risk of damaging the refrigerating equipment.

1.2 CONTROL PANEL



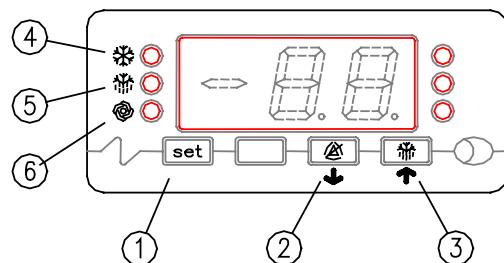
1.3 USING THE ELECTRONIC CONTROL THERMOSTAT

FRIDGE MODEL



- ① Set button
- ② Decrease button
- ③ Increase button

FREEZER MODEL



- ④ Led compressor running
- ⑤ Led defrost running
- ⑥ Led evaporator fan running

The digital electronic thermostat indicates the temperature detected by the ambient probe. To display the set temperature press "Set" (button 1).

Change this setting by continuing to press on the "Set" button and pressing the arrows (2 and 3) to decrease or increase the temperature setting.

A manual defrost can be started by pressing button 3.

To silence an audible alarm pressing button 2 stops the buzzer.

2. USE

2.1 GENERAL REQUIREMENTS

At first operation, or after a long stop, a prefunction cycle must be launched.

Goods must only be loaded when the temperature set by the thermostat has been reached.

Do not store food products in any way likely to hinder the air circulation which ensures the correct distribution of cold air inside the appliance.

2.2 LOADING

The loading must be made leaving a space of approximately 15 mm between each product to ease air circulation.

2.3 VENTILATION

CHILLING CABINETS: Ventilation is deliberately permanent. When the doors are opened, it continues to operate. This means that during periods of heavy-duty service, or large-scale or lengthy loading, the front of the evaporator is not blocked by frost.

FREEZING CABINETS: Ventilation is stopped in the following cases:

- by switches actuated on door openings..
- by the thermostat during defrost with a ventilation delay until -12°C..

2.4 DEFROST

The internal timer of the electronic thermostat sets up the start up and the end of the defrost.

On freezing cabinets, defrost end is controlled at +5°C with a ventilation delay at -12°C.

The factory setting can be adjusted according to needs. The operation can only be performed by the installer (see instructions).

2.5 DEFROST WATER COLLECTION

A container on the back of the cabinet collects defrost water which is evaporated automatically by hot gas coil or a self regulating electric element on twin temperature units

3. SERVICE

IMPORTANT

Before any cleaning operation
ensure the appliance is switched OFF.

Do not clean the appliance with a water jet
in order to avoid water spattering.

3.1 INTERIOR LINING

It is necessary to eliminate stains once per day.

To ease the complete cleaning of the interior lining, the internal fitting can be easily disassembled (shelves slides and slides supports).

3.2 STAINLESS STEEL SURFACE

Using warm water and soap or a non-corrosive neutral detergent (such as teepol or an equivalent product). Carefully rinse and dry the appliance.

Never use Javell water, even when highly diluted.

Never rub stainless steel with metal wool, if necessary, use only scotch brite or an equivalent product. Fingerprints in particular can be easily removed by rubbing with a cloth soaked in alcohol.

3.3 PERIODICAL CLEANING.

Magnetic door seal can be removed to ease the cleaning.

In order to maintain the refrigerating capacity and to ensure the longevity of the compressor, it is necessary to clean regularly (every 3 or 6 months) the condenser. This operation must be carried out by the installer.

INSTRUCTIONS

REFRIGERATED CABINETS

BIOSTORE

STAINLESS EXT. : SR 600, SR 1300, SN 600, SN 1300

WHITE EXT. : SRB 600, SRB 1300, SNB 600, SNB 1300

2 DOORS : SRR 2x300, SRN 2x300

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IMPORTANT RECOMMENDATIONS

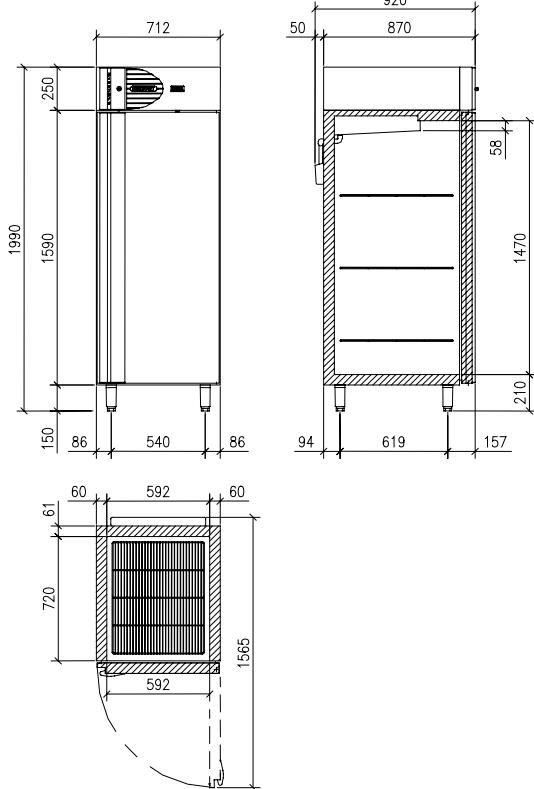
- * When installing the appliance, ensure that there is adequate circulation and air volume to cool the condenser and compressor.
- * Avoid installing the appliance near major sources of heat, or in direct sunlight.
- * Note that too high an ambient temperature can reduce performance.
- * There must be earth continuity between the appliance and the mains connections.
- * The supply cable that is fitted is a specific part and should only be replaced with an original part. Ensure that the plug is easily accessible.
- * The installer should ensure that the electrical connection is suitably protected by an appropriate fuse or circuit breaker (see rating plate).
- * Ensure that the appliance is switched OFF before any intervention on the electrical or refrigeration circuits and during cleaning.
- * The compressor condenser must be cleaned regularly (every 3 to 6 months).
- * Water splashing can cause damage.
 - . To avoid the risk of splash damage do not clean with a hose or high-pressure spray.
 - . Do not locate the unit where it is exposed to the elements.
- * After any intervention ensure that the original installation guidelines are respected to avoid any form of risk.
- * Reference to the label NF FOOD HYGIENE :
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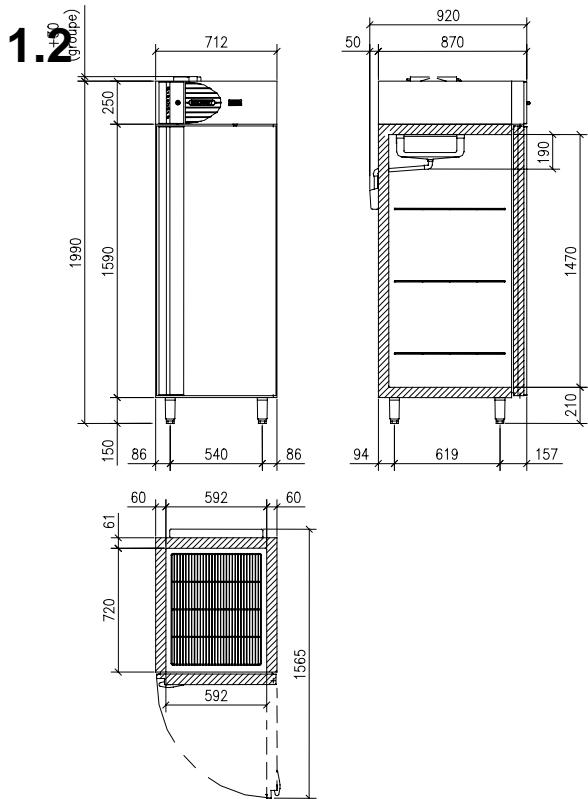
1. TECHNICAL DATA

1.1 SRB/SR 600 and SNB/SN 600

1.1.1 SRB/SR 600



1.1.2 SRB/SR 600



CONSTRUCTION

Austenitic stainless or white plasticized sheet exterior casing (sides, front panel, door.)

Austenitic stainless interior lining.

Back, top and bottom of the exterior casing in corrosion proof galvanized sheet.

Austenitic stainless door liner.

Insulated body

- Monocoque type.
- Radiused interior.
- Polyurethane foam insulation, 60mm thick.
- Thermal break between inner and outer structure.
- 4 adjustable legs (or optional casters).
- Anti condensation door frame heater for freezing cabinet

Plain door

- Easily removable magnetic door seal.
- Door with security lock.
- 90° hold and self closing door.
- Door opening can be reversed

TECHNICAL DATA

Voltage	: 1~230V 50 Cycle	
	Chilling	Freezing
Input power	: 470 W	
Protection	: aM 4	

Delivered with a moulded plug.

The installer is responsible for protecting the appliance against overloads or electrical defects. Ensure a circuit-breaker or fuses are installed.

Refr. power	Chilling	Freezing
	: 321 W	555 W
	at -15/+55°C	at -30/+55°C
Refrigerant	: R404A	R404A
Load	: See appliance instruction plate	
Compressor	: Hermetic	
Condenser	: Forced air	
Evaporator	: Ventilated double flow, corrosion proof (chilling model)	
	: Ventilated for freezing	
Defrost water	: Catchment container on the rear of the cabinet with automatic hot gas re-evaporation	

Complies with

Electric safety : EN 60 335-1

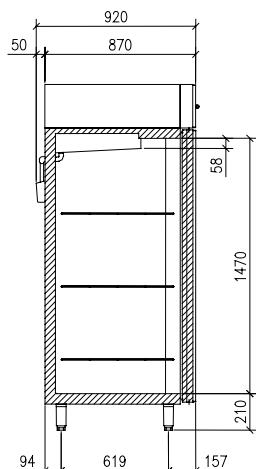
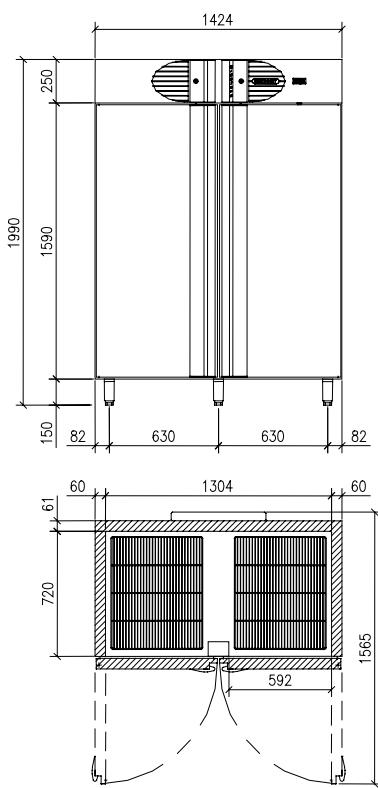
Food hygiene : XP U 60 010

Complies with E.C. requirements



SRB/SR 1300 and SNB/SN 1300

1.2.1 SRB/SR 1300



CONSTRUCTION

Austenitic stainless or white plasticized sheet exterior casing (sides, front panel, door).
 Austenitic stainless interior lining.
 Back, top and bottom of the exterior casing in corrosion proof galvanized sheet.
 Austenitic stainless door liner.

Insulated body

- Monocoque type.
- Radiused interior.
- Polyurethane foam insulation, 60mm thick.
- Thermal break between inner and outer structure.
- 5 adjustable legs (or optional casters).
- Anti condensation door frame heater (freezing model)

Plain door

- Easily removable magnetic door seal.
- Door with security lock.
- 90° hold and self closing door.

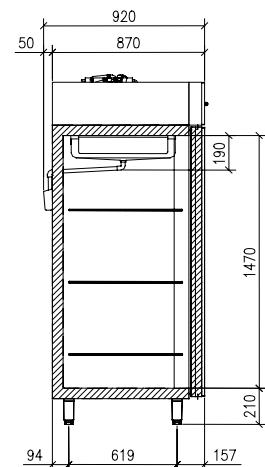
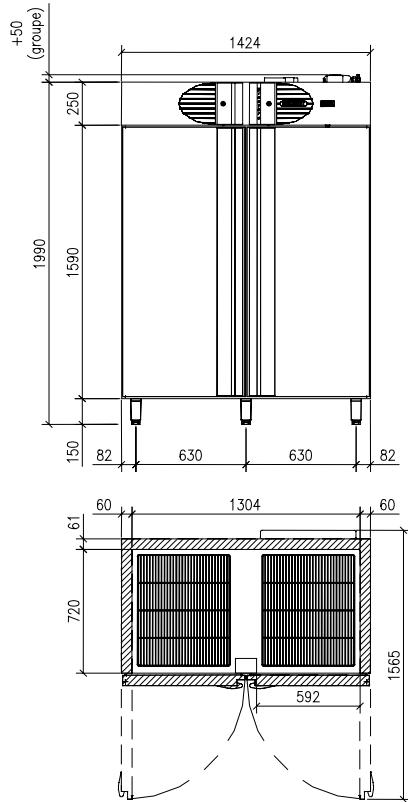
TECHNICAL DATA

Voltage	: 1~230V 50 Cycle	Chilling	Freezing
Input power	: 700 W	1170 W	
Protection	: aM 4	aM 6	

Delivered with a moulded plug.

The installer is responsible for protecting the appliance against overloads or electrical defects. Ensure a circuit-breaker or fuses are installed.

1.2.2 SNB/SN 1300



Refr. power	Chilling : 555 W at -15/+55°C	Freezing : 750 W at -30/+55°C
Refrigerant	: R404A	R404A
Load	: See appliance instruction plate	
Compressor	: Hermetic	
Condenser	: Forced air	
Evaporator	: Ventilated double flow, corrosion proof (chilling model)	
Defrost water	: Ventilated for freezing : Catchment container on the rear of the cabinet with automatic hot gas re-evaporation	

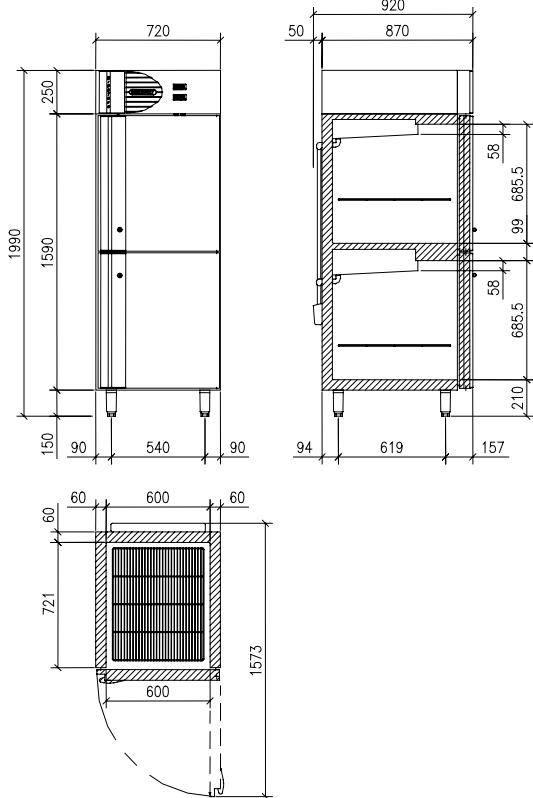
Complies with

Electric safety	: EN 60 335-1
Food hygiene	: XP U 60 010
Complies with E.C. requirements	



1.3 SRR 2x300 and SRN 2x300

1.3.1 SRR 2x300



CONSTRUCTION

Austenitic stainless exterior casing (sides, front panel, door).
 Austenitic stainless interior lining.
 Back, top and bottom of the exterior casing in corrosion proof galvanized sheet.
 Austenitic stainless door liner.

Insulated body

- Monocoque type.
- Radiused interior.
- Polyurethane foam insulation, 60mm thick.
- Thermal break between inner and outer structure.
- 4 adjustable legs (or optional casters).
- Anti condensation door frame heater (freezing model)

Plain door

- Easily removable magnetic door seal.
- Door with security lock.
- 90° hold and self closing door.

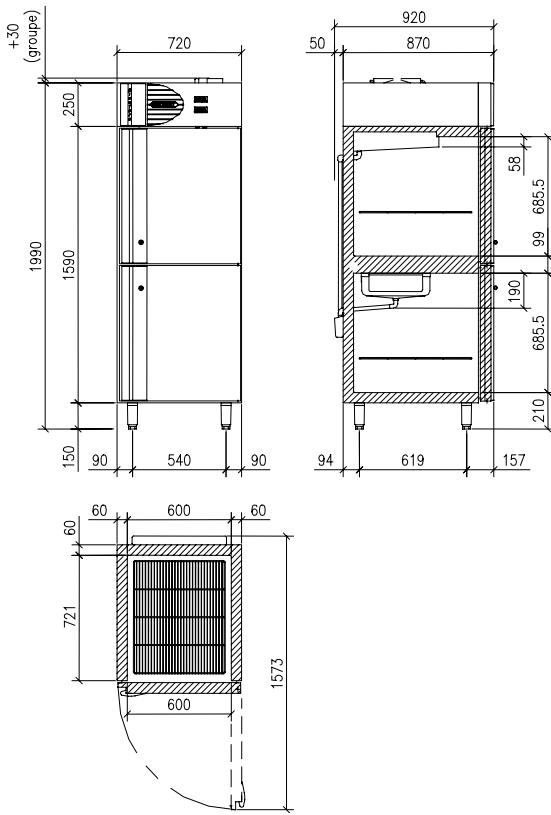
TECHNICAL DATA

Voltage	: 1~230V 50 Cycle	
	Chilling	Freezing
Input power	: : 700 W	
Protection	: : aM 4	

Delivered with a moulded plug.

The installer is responsible for protecting the appliance against overloads or electrical defects. Ensure a circuit-breaker or fuses are installed.

1.3.2 SRN 2x300



Refr. power	Chilling : 320 W at -15/+55°C	Freezing 450 W at -30/+55°C
Refrigerant	R404A	R404A
Load	: See appliance instruction plate	
Compressor	: Hermetic	
Condenser	: Forced air	
Evaporator	: Ventilated double flow, corrosion proof (chilling model) : Ventilated for freezing	
Defrost water	: Collection tray located in the back of the cabinet with automatic re-evaporation of defrost water by self-regulated heater.	

Complies with

Electric safety	: EN 60 335-1
Food hygiene	: XP U 60 010
Complies with E.C. requirements	

2. INSTALLATION

2.1 GENERAL REQUIREMENTS

The appliance must be installed, modified and repaired by a specialized engineer in accordance with current regulations.

2.2 HANDLING

The appliance must be handled with suitable lifting equipment, transported on its original pallet and not stacked.

If moving the appliance without its pallet, it must be carried and not pulled.

2.3 UNPACKING AND INSTALLATION

2.3.1 LOCATION

When choosing the location, make sure that there is sufficient air circulation around the appliance to allow correct cooling of the condenser and compressor.

Do not install near a source of heat.

2.3.2 UNPACKING

Follow the instructions supplied with the unit.

2.3.3 CONNECTIONS

See paragraph 1 "Technical data".

ELECTRIC

The unit is fitted with a plug which should not be removed.

This appliance must be EARTHED (see important recommendations).

The supply should incorporate a suitable fuse or circuit breaker.

DEFROST WATER

The melt water collection container can be replaced by a direct connection to drain (20mm Ø pipework).

3. OPERATION

3.1 GENERAL REQUIREMENTS

Ensure that the condenser fan and evaporator are not obstructed.

If the appliance has been laid down during transport or handling wait 24 hours before use to allow refrigerant oil to return to the compressor.

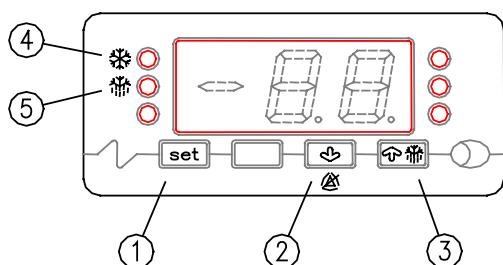
For units with grills fit the runners to their supports.

3.2 CONTROL PANEL LAYOUT

See USER MANUAL

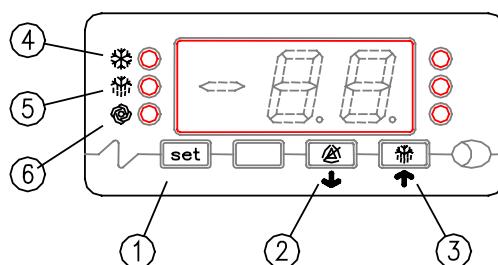
3.3 THERMOSTAT CONFIGURATION

FRIDGE MODEL



- ① Set button
- ② Decrease button
- ③ Increase button

FREEZER MODEL



- ④ Led compressor running
- ⑤ Led defrost running
- ⑥ Led evaporator fan running

There are 2 configuration levels :

<u>Level 1</u>	Password (access to level 2)	: code "PA"
	Differential setting	: code "r0"
	To calibrate the ambient probe	: code "/1" (not fridges)
	To calibrate the evaporator probe	: code "/6" ((not fridges)
	To read the evaporator probe temperature	: code "dA" (not fridges)
<u>Level 2</u>	From level 1 to select and modify the parameters (password protected, see parameter table)	

3.3.1 SIGNALS AND ALARMS

- "E0"** flashes on the display and the buzzer sounds intermittently because the ambient probe is defective, or the temperature is outside the set limits
- "E1"** flashes on the display and the buzzer sounds intermittently because the evaporator probe is defective (not on fridges).
- "E2"** flashes on the display and the buzzer sounds intermittently due to a parameter data memorization fault. (switch off and on again).
- "15"** (temperature) flashes on the display and the buzzer sounds intermittently if the units temperature is outside the limits set (parameters A1 or A2)

Flashing LEDs indicate a delayed start for the corresponding function.

3.3.2 PARAMETER CONFIGURATION

ACCESS TO LEVEL 1

Press both arrows (buttons 2 and 3) for 4 sec.	"PA" appears in the display
Press the arrows (buttons 2 or 3)	To select the parameter to change
Then press SET (button 1) and adjust with the arrows (buttons 2 or 3)	To see and then modify the value of the selected parameter

ACCESS TO LEVEL 2 (starting from level 1 having selected parameter "PA")

Press and hold SET (button 1) and adjust with the arrows (buttons 2 or 3)	To adjust the value "-19"
Press both arrows (buttons 2 and 3) for 4 sec.	The first parameter of level 2 is displayed "/0"
Press the arrows (buttons 2 or 3)	To select the parameter to change
Then press SET (button 1) and adjust with the arrows (buttons 2 or 3)	To see and then modify the value of the selected parameter

To exit press both arrows at the same time (buttons 2 and 3) for 4 secs or wait at least 50 secs without touching anything.

3.3.3 PARAMETERS BOARD

Code	Parameters		Mini	Maxi	U	Presettings
						Chilling
						Freez.
(1) PA	Password	To set on -19	-55	99		
PROBE						
/0	Probe type	1=PTC ; 3=NTC	1	4	---	1
(1)(4) /1	Ambient probe calibration	(8 pts to correct 1°)	-55	99	---	0
(1) /6	Evaporator probe calibration	(8 pts to correct 1°)	-55	99	---	(4)/0*
/8	Unit of temperature	0=°F ; 1=°C	0	1	---	1
/A	Evaporator probe activation	0=no ; 1=yes	0	1	---	(4)/0*
TEMPERATURE REGULATOR						
(1) r0	Differential		1	15	°C (2)	3
r1	minimal value of the set-point		-55	99	°C (2)	-2
r2	maximal value of the set-point		-55	99	°C (2)	15
COMPRESSOR PROTECTIONS						
C0	Delay at powering		0	15	mn	0
C1	Delay after start		0	15	mn	5
C2	Delay after stop		0	15	mn	3
C3	Compressor if faulty probe	0=OFF ; 1=ON	0	1	---	1
C4	Delay ON/OFF	0=0 ; 1=3sec	0	1	---	0
C5	Compressor cycle duration if probe faulty		0	240	mn	(4)/10*
C6	Percentage of C5 if probe faulty		0	100	%	(4)/70*
DEFROST						
d0	Defrost time	0=without	0	99	H	8
d1	Defrost type	0=Elect ; 1= Hot gas	0	1	---	(4)/0*
d2	Defrost end temperature		-55	99	°C (2)	(4)/8*
d3	Defrost duration	0=without	0	99	mn	30
d4	Defrost at powering	0=no ; 1=yes	0	1	---	0
d5	Defrost delay at powering		0	31	mn	0
d6	Defrost locked display	0=no ; 1=yes	0	1	---	0
d7	Evaporator draining time		0	15	mn	(4)/2*
d8	Alarm exclusion time after defrost		0	15	H	3
d9	Compressor time	if d1=1 ; 0=no ; 1=yes	0	15	mn	(4)/0*
(1) dA	Reading the ambient probe		---	---	°C (2)	(4)/---
ALARMS						
A0	Alarm differential		1	15	°C (2)	2
A1	Low alarm (relative to the set point)	0=without	-55	0	°C (2)	0
A2	High alarm (relative to the set point)	0=without	0	99	°C (2)	10
A3	Alarm exclusion at powering	(3)	0	15	H	2
		(4)	0	240	mn	(4)/120*
A5	Buzzer delay upon malfunction	if i0 ≠0 ; -1=without	-1	120	mn	(4)/-1*
A6	Exclusion time	if A1 and/or A2≠0	0	99	mn	15
A7	Delay time after the ventilation stops	if A1 and/or A2≠0	0	240	mn	(4)/15*
FANS						
F1	Ventilation stop set point	if /A=1 and F7=3 or 4	-55	99	°C (2)	(4)/0*
F2	Differential relative to F1	if /A=1 and F7=3 or 4	1	15	°C (2)	(4)/2*
F4	Fan during defrost	0=without ; 1=forced ; suivant F7	0	2	---	(4)/1*
F5	Ventilation delay after defrost		0	15	mn	(4)/0*
F6	Fan set-point	0=absolute ; 1= temperature-related	0	1	---	(4)/0*
F7	Ventilation running	0=without; 1=forced ; 2=with compressor	0	4	---	(4)/1
		3=as per F1 and F2 ; 4=as per F1 and F2 with compressor				3
MULTIFUNCTION INPUTS						
i0	Action provoked	0=without ; 1=after defrost d5 ; 2=reserved	0	5	---	(4)/0*
		3=compressor forced;4=compressor + ventilation off;5=ventilation off				0
i1	Multifunction contact type	if i0≠0 ; 0=NO ; 1=NF	0	1	---	(4)/0*
SERIAL PORT FOR DATA EXCHANGE						
L1	Unit address		1	15	---	1
L2	Unit compressor		0	7	---	0
L4	Baud	0=1200 ; 1=2400 ; 2=4800 ; 3=9600	0	3	---	1

(1) = Configuration parameters at level 1

(3) = Configuration parameters specific to chilling model

(2) = Unit according to configuration of the "/8" parameter

(4) = Configuration parameters specific to freezing model

* = Parameters bottom compartment DUO ++

4. INTERVENTIONS AND REPAIRS

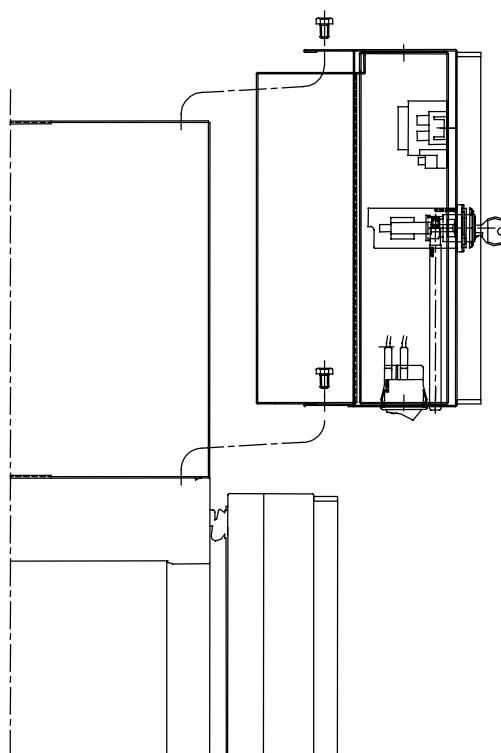
IMPORTANT

Before any operation, ensure the appliance is switched OFF

4.1 ACCESS TO COMPRESSOR UNIT

Cleaning the condenser can be done from the top of the cabinet without dismantling the control panel.

Access to the compressor is easier if the entire control board assembly is removed. (in this case the top of the door must be supported because the hinge must be removed to get the control panel off)



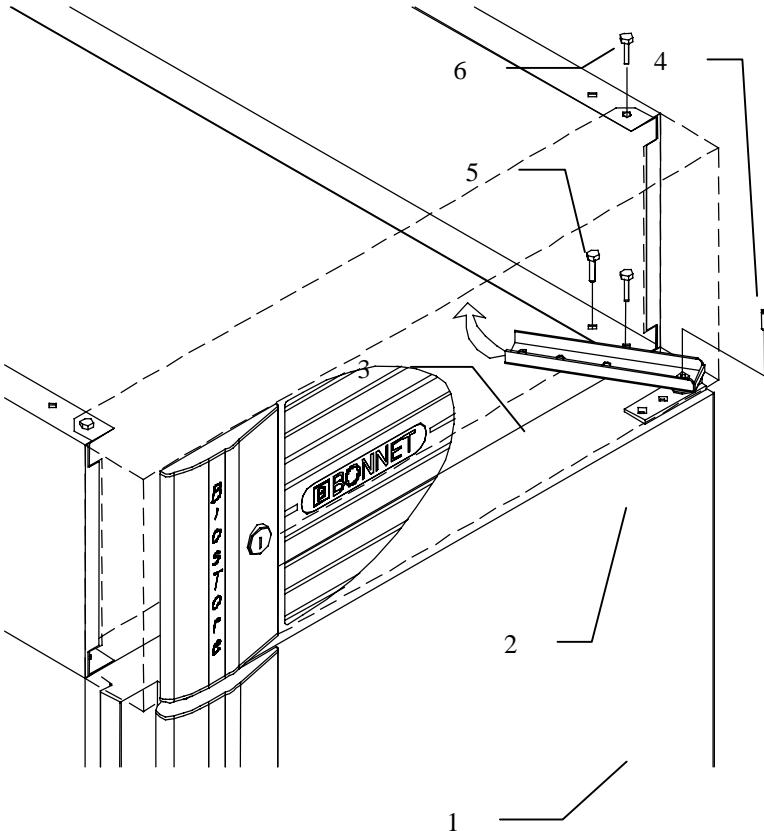
4.2 EVAPORATOR ACCESS

Take out the rubber elbow from housing and push back the flow tube to the outside giving a quarter turn to get out the external drain trap from vaporizer fixed to the back of the cabinet.

As for freezing cabinets, take out flow resistance to avoid hazards. Make sure to put it correctly while reassembling it into the flow tube.

On the freezer cabinets with the ABS housing, this is removed by unclipping it using a screwdriver or flat bladed tool or completely removing the screws.

4.3 REPLACING THE DOOR



1/ Remove screw (6) which holds the control panel to the side of the top housing.

2/ Remove the M5 axis (4) by unscrewing it.

3) Remove the hinge support (3) by undoing the 2 screws (5)

4/ Lift the door (1) to raise it off the lower hinge support.

Note : in the event that the sprung hinge (2) is disarmed use the hinge support (3) to turn it 120° in the direction the door opens.

Door re-assembly:

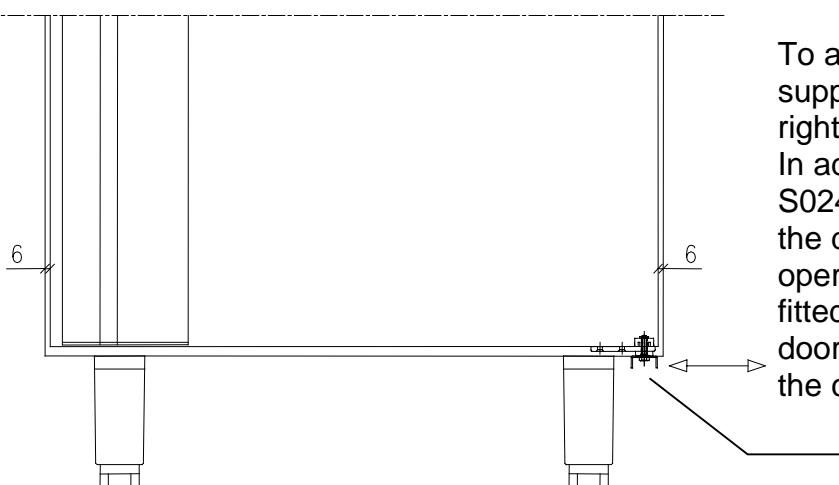
1/ Once confident that the sprung hinge (2) is armed, position the door onto the lower hinge support with the door in the closed position. Lift the control panel slightly to ensure that the square axis of the sprung hinge (2) is correctly located.

2/ Engage the upper hinge support (3) onto the square axis of the sprung hinge (2). Turn the hinge support so that the holes line up. Tighten with the screws (5).

3/ Refit the M5 axis (4) then the control panel fixing screw 6

4.4 ADJUSTING THE DOOR

Ensure that the door is central to the cabinet (6mm from each edge of the door and 12mm between doors on two door cabinets)



To adjust the door position the lower hinge support can be moved to the left or the right of the unit.

In addition the spare nylon washer code S024P07 supplied can be used to raise the door if the lock or door switch doesn't operate correctly. This washer should be fitted between the hinge support and the door. It is supplied selotaped to the top of the cabinet.

Lower hinge support

4.5 REVERSING THE DOOR OPENING DIRECTION

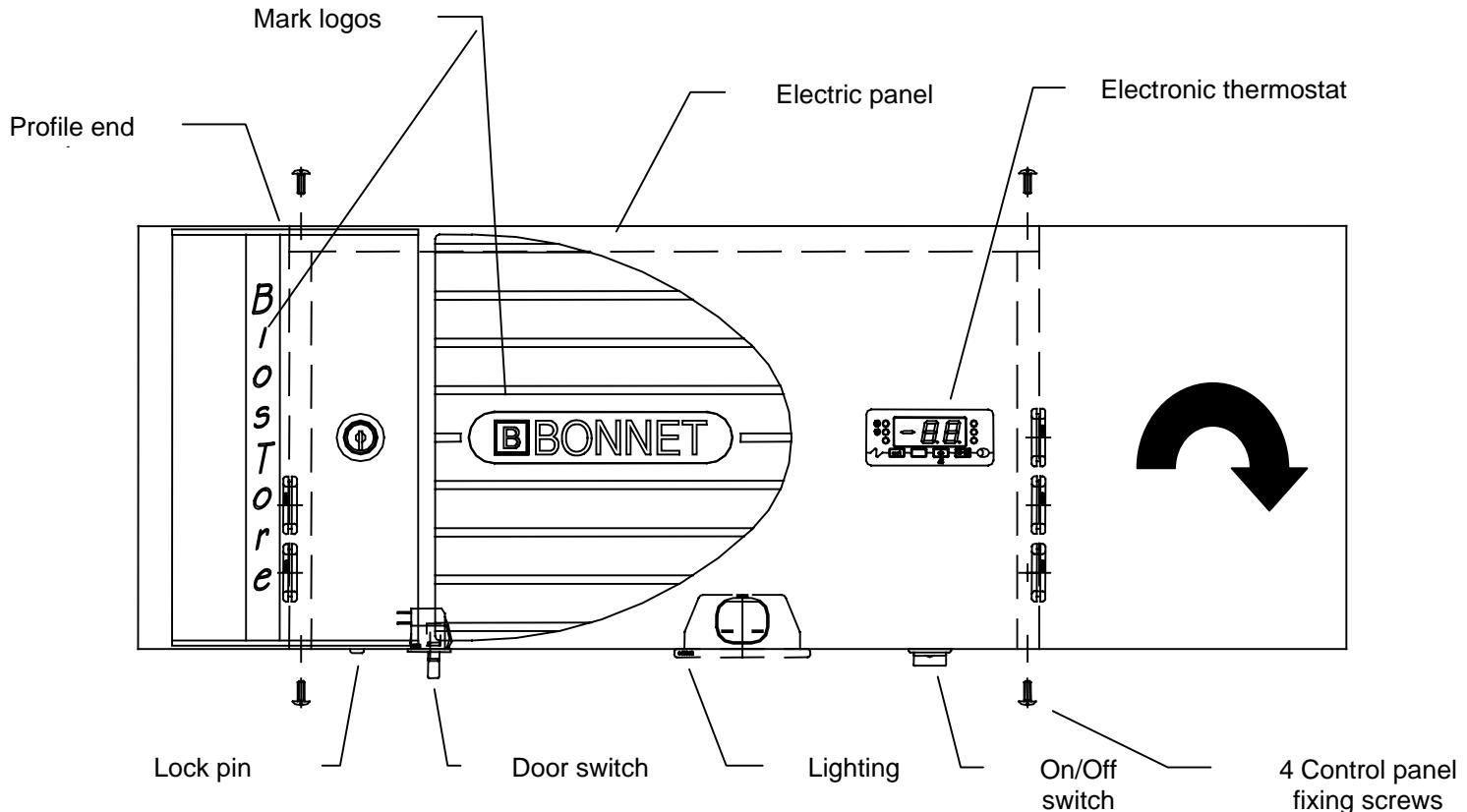
NOTE : this is only possible on single door units

- 1/ Remove the door as shown in paragraph 4.3
- 2/ Move the lower hinge support to the other side
- 3/ Reverse the spring hinge and the Delrin hinge (fixed with 17 x 4.8mm Ø rivets)
- 4/ Reverse the door catch (fixed with 17 x 4.8mm Ø rivets)

The control panel: can now be reversed

- 1/ Remove the electric panel cover (2 x 4mm screws)
- 2/ Remove the control panel
- 3/ Remove door lock pin using a flat 7mm spanner. Fit to the other side only after having repositioned the electric panel.
- 4/ Remove the electronic thermostat to turn it over. Disconnect the wires having marked the cables.
- 5/ Change the stop start, the door and light switch to the other side. The necessary cut outs are already there.
- 6/ Remove the electric panel so it can be fitted the other way round.
- 7/ Reverse the BOSTORE badge by unclipping the blue profile. (Undo one of the two end plugs slightly)
- 8/ Unstick the BONNET badge to replace it with the new one supplied

After the control panel has been put back in place refit the door as indicated in paragraph 4.3

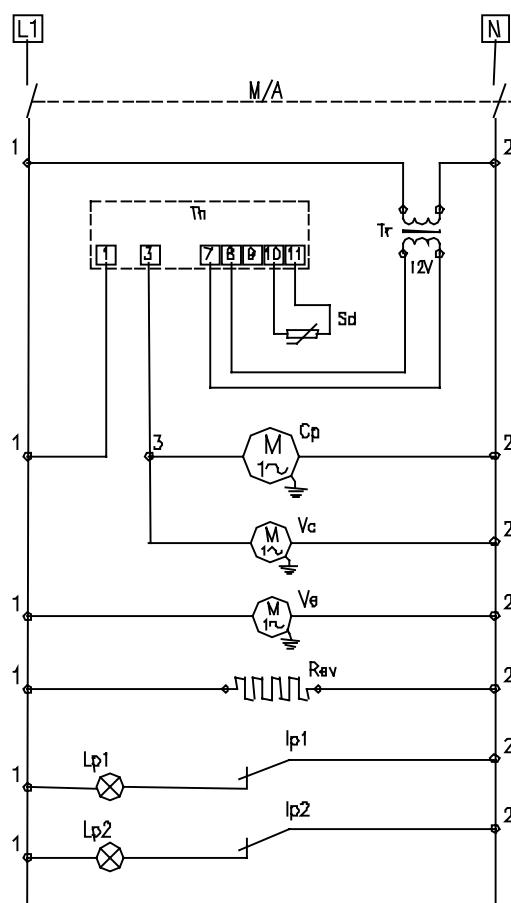


5. ELECTRICAL DIAGRAMS

5.1 CHILLING CABINETS

N°SE133

PRINCIPLE DIAGRAM



M/A : On/Off switch

Tr : transfo

Th : Thermostat

Sd : Probe

Cp : Compressor

Vc : Condenser fan

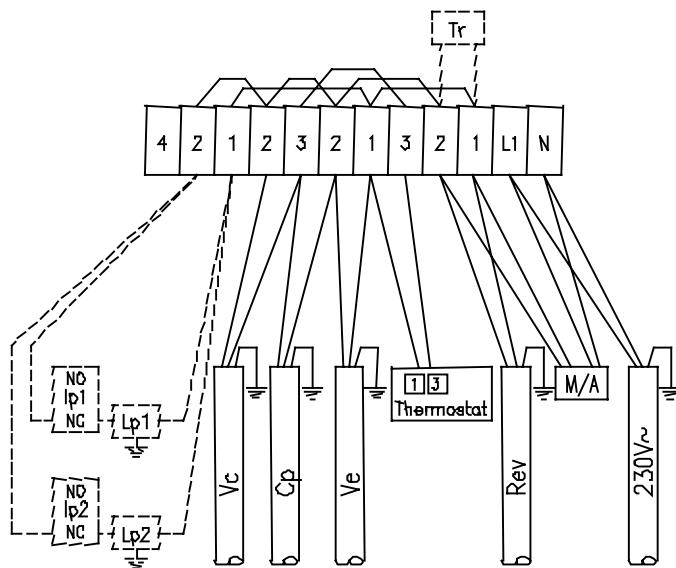
Ve : Evaporator fan

Rev : Evaporation heater

IP : Door switch for lighting
(according to model)

Lp : Lighting lamp (according to model)

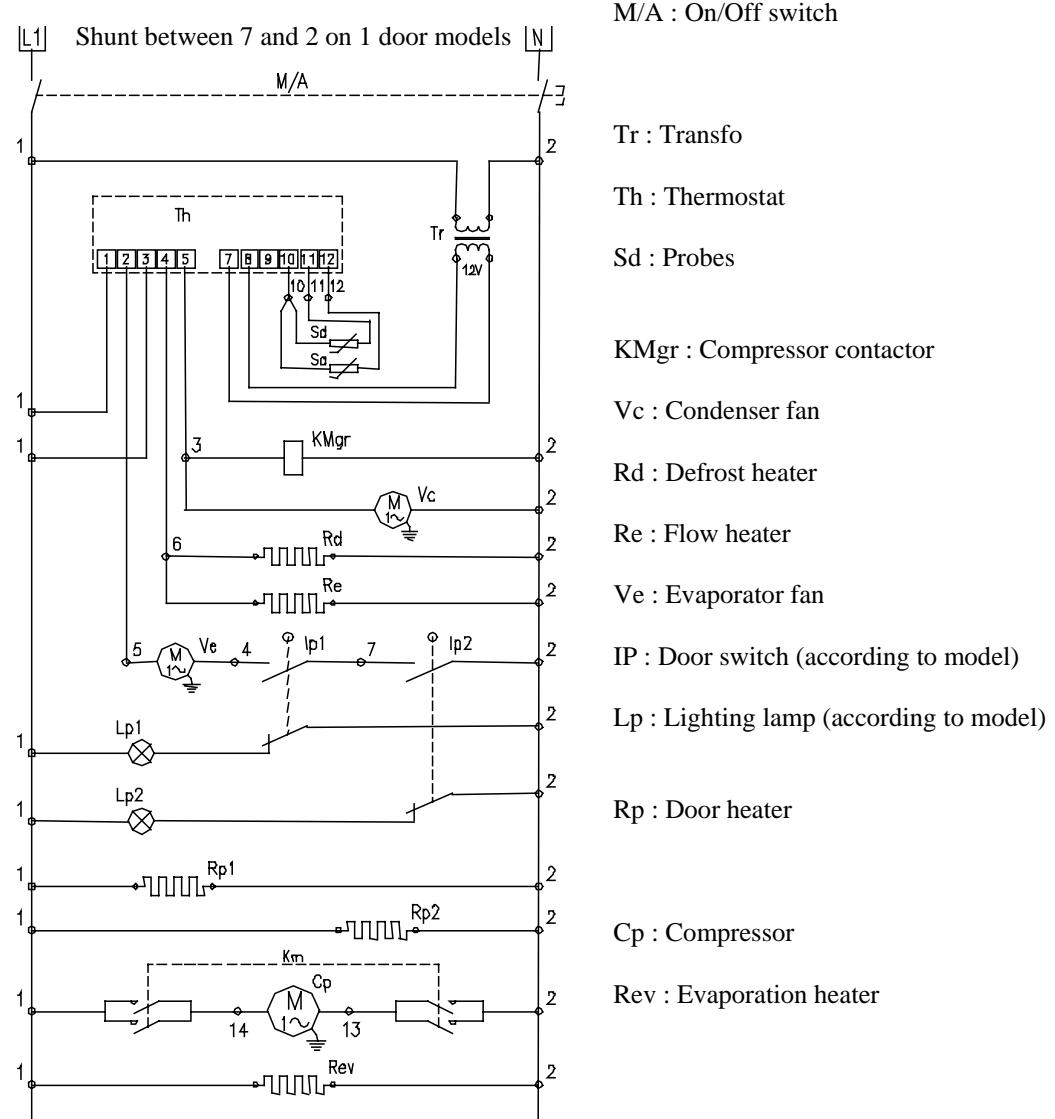
CONNECTING DIAGRAM



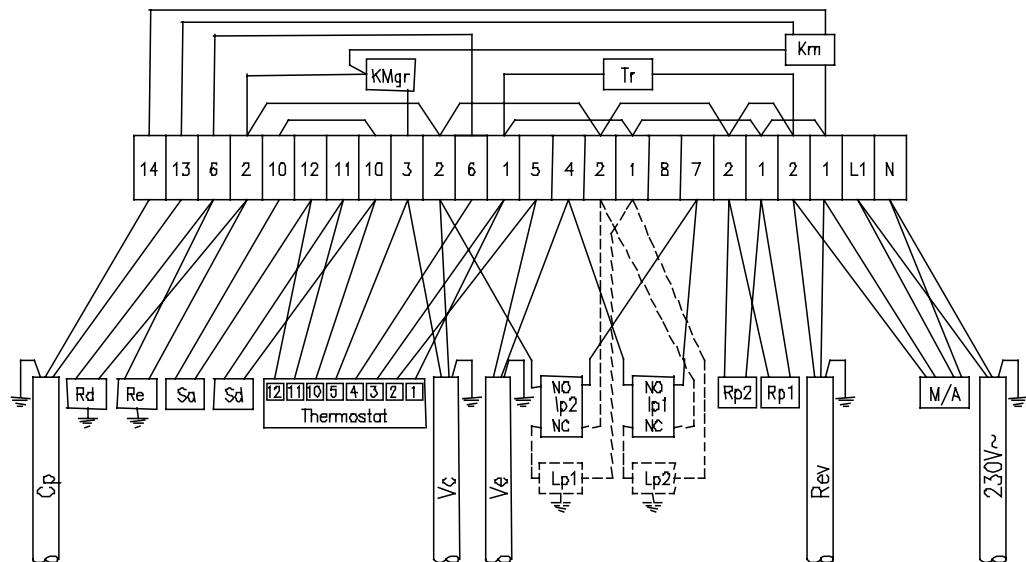
5.2 FREEZING CABINETS

N°SE135

PRINCIPLE DIAGRAM



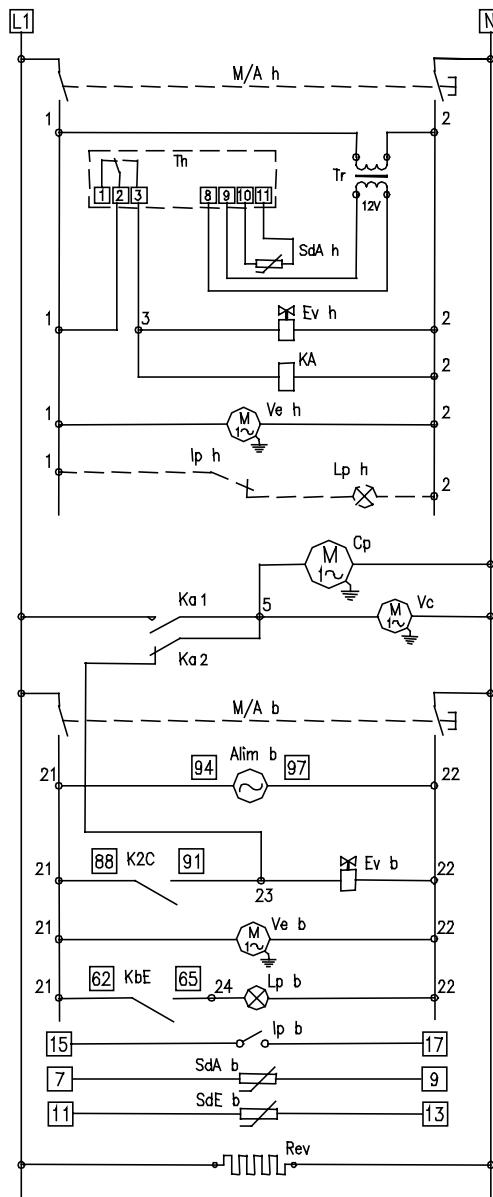
CONNECTING DIAGRAM



5.3 TWIN DOOR CABINETS (++)

N°SE241

PRINCIPLE DIAGRAM



M/A h : On/Off switch

Tr : Transfo

Th : Thermostat

SdA h : upper temperature probe

Ev h : upper solenoid valve
KA : compressor contactor

Ve h : upper evaporator fan

Lp h : upper lighting lamp
Ip h : upper lighting door switch

Cp : Compressor

Vc : condenser fan

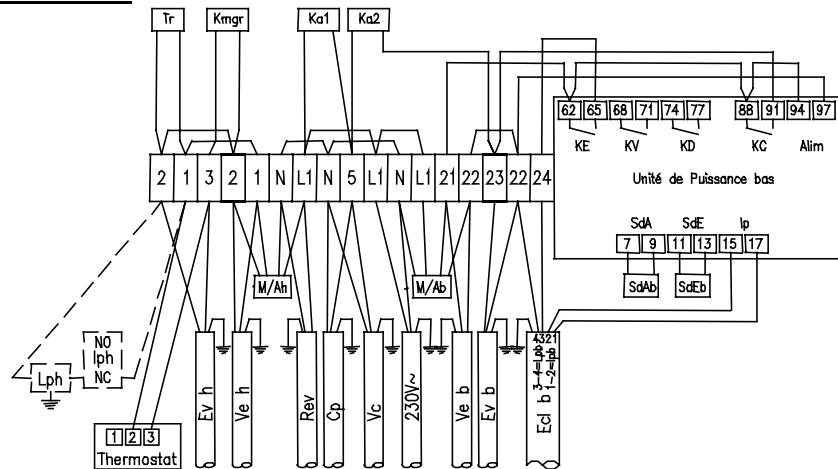
M/A b : lower On /Off switch

K2C : compressor relay (2)
EV b : lower solenoid valve

Ve b : lower evaporator fan
KbE : lower lighting relay
Lp b : lower lighting lamp
Ip b : lower lighting door switch

SdA b : lower temperature probe
SdE b : lower evaporator probe
Rev : evaporation heater

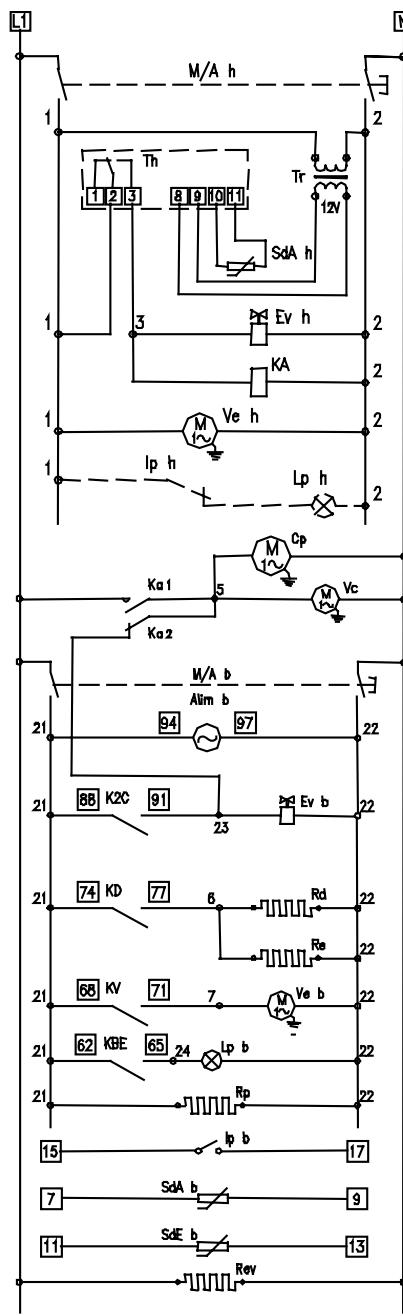
CONNECTING DIAGRAM



5.4 TWIN DOOR CABINETS (+-)

N°SE242

PRINCIPLE DIAGRAM



M/A h : On / Off switch

Tr : Transfo

Th : Thermostat

SdA h : upper temperature probe

Ev h : upper solenoid valve
KA : Compressor contactor

Ve h : upper evaporator fan

Lp h : upper lighting lamp
Ip h : upper lighting door switch

Cp : Compressor

Vc : condenser fan

M/A b : lower On /Off switch

K2C : compressor relay (2)
EV b : lower solenoid valve

KD : defrost relay

Rd : defrost heater

Re : flow heater

KV : fan relay

Ve b : lower evaporator fan

KbE : lower lighting relay

Lp b : lower lighting lamp

Rp : door heater

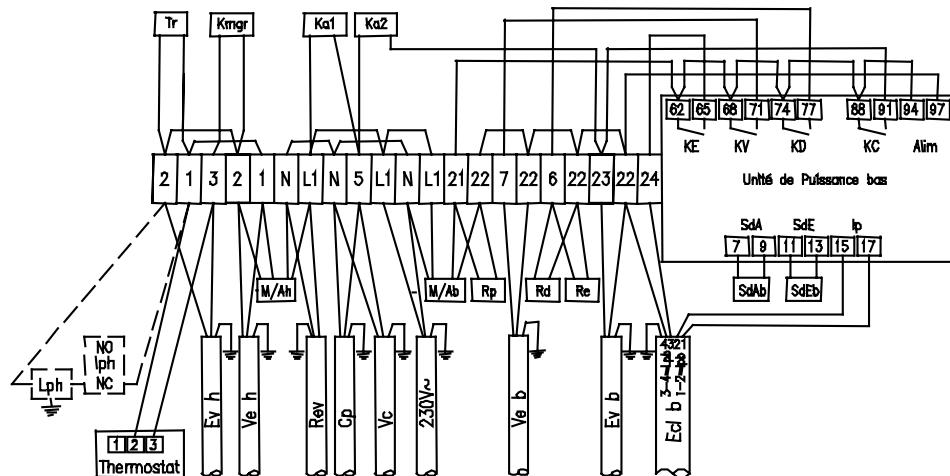
Ip b : lower lighting door switch

SdA b : lower temperature probe

SdE b : lower evaporator probe

Rev : evaporation heater

CONNECTING DIAGRAM



6. SPARE PARTS

6.1 CASING

SR/SRB 600	SR/SRB 1300	SN/SNB 600	SN/SNB 1300	SRR 2x300	SRN 2X300	CODE	DESIGNATION
•	•	•	•	•	•	S070P02	black plastic stand.
•	•	•	•	•	•	S359PM46	stainless steel front side
•	•	•	•			S359PN46	White front side
•		•		•	•	S079PM42	stiffener 1 door galva front
	•		•			S079PN42	stiffener 2 doors galva front
•		•		•	•	S079PO42	Stainless 1 door stiffener front
	•		•			S079PP42	Stainless 2 doors stiffener front
•		•				S360PM46	Stainless 1-door control panel
•		•				S360PN46	White 1-door control panel
	•		•			S361PM46	Stainless 2-door control panel
	•		•			S361PN46	White 2-door control panel
				•	•	S362PM46	Duo control panel
•		•				S380PM46	1 door s/s control panel ~ printer
•		•				S380PN46	1 D white control panel, printer
	•		•			S381PM46	2 door s/s control panel ~ printer
	•		•			S381PN46	2 D white control panel, printer
				•	•	S362PN46	Duo control panel ~ printer
•	•	•	•			S351P46	Slides support
	•		•			S352P46	Central slides support
				•	•	S227P42	Slides support
•	•	•	•			S019P02	slides support axis
				•	•	S009P02	Slides support axis
				•	•	S060P02	Slides support axis brace
•	•	•	•			S043PQ58	insulated white door
•	•	•	•			S043PR58	insulated stainless door
•	•	•	•			S043PS58	Insulated white top ½ door
•	•	•	•			S043PT58	Insulated white bottom ½ door
•	•	•	•			S043PU58	Insulated s/s top ½ door
•	•	•	•			S043PV58	Insulated s/s bottom ½ door
				•	•	S043PW58	Insulated s/s top ½ door
				•	•	S043PX58	Insulated s/s bottom ½ door
•	•					S043PY58	Insulated white glass door
•	•					S043PZ58	Insulated s/s glass door

CASING (2nd PART)

SR/SRB 600	SR/SRB 1300	SN/SNB 600	SN/SNB 1300	SRR 2x300	SRN 2X300	CODE	DESIGNATION
•	•	•	•			S122P01	door handle
•	•	•	•			S123P01	Aluminium front profile
•	•	•	•	•	•	S124P01	½ door handle top R or bottom L
•	•	•	•	•	•	S125P01	½ door handle top L or bottom R
•	•	•	•	•	•	S126P01	Aluminium profile for ½ doors
•	•	•	•	•	•	S127P01	Door handle plugs
•	•	•	•	•	•	S128P01	Front profile plugs
•	•	•	•			S403P11	PVC door handle cover
•	•	•	•	•	•	S404P11	PVC ½ door handle cover
•	•	•	•	•	•	S384P11	PVC profile impression cover
•	•	•	•			S405P11	PVC front profile cover
•	•	•	•	•	•	S380P11	Control panel label with logo
			•			S381P11	Control panel label without logo
•	•	•	•	•	•	S110P02	BONNET label
•	•	•	•			S400P11	Door magnetic seal
•	•	•	•			S401P11	Half-door magnetic seal
				•	•	S402P11	Half-door magnetic seal
•	•	•	•			S041P01	Door clip
•	•	•	•	•	•	S053P01	Lock
•	•	•	•	•	•	S129P01	Catch bolt
•	•	•	•	•	•	S098PM46	Hinge support bottom L + top R
•	•	•	•	•	•	S098PN46	Hinge support bottom R + top L
•	•	•	•			S116P01	Central half-door hinge support
				•	•	S117P01	Central half-door hinge support
•	•	•	•			S018P02	pin for hinge without return
•	•	•	•	•	•	S083P01	Sprung hinge
•	•	•	•			S085P01	Delrin hinge
•	•	•	•	•	•	S024P07	nylon washer Ø 18

6.2 REFRIGERATING AND ELECTRIC EQUIPMENT

SR/SRB 600	SR/SRB 1300	SN/SNB 600	SN/SNB 1300	SRR 2x300	SRN 2X300	CODE	DESIGNATION
•				•		S183P40	ML 60 TB Compressor
	•					S184P40	ML 80 TB Compressor
		•			•	S077P40	CAE 2424Z compressor
			•			S243P40	CAJ 2446Z compressor
				•		S054P30	92240 condenser
	•					S055P30	93240 condenser
		•			•	S056P30	103270 condenser
			•			S057P30	104270 condenser
•	•			•		S071P40	EVR7A/230 condenser fan
		•	•		•	S072P40	EVR10A/254 condenser fan
•	•			•		S238P46	EVR7A/230 fan venturi
		•	•		•	S239P46	EVR10A/254 fan venturi
•	•	•	•	•	•	S021P20	15 grs.XH 9 dryer
				•	•	S074P20	EVH3 ¼ solenoid valve
•	•					S009PL58	capillary evaporator housing
				•	•	S009PS58	capillary evaporator housing
•	•			•	•	S009PM58	T.E.V. evaporator housing
				•		S009PP58	capillary evaporator housing
				•		S009PQ58	T.E.V. evaporator housing
		•				S010PA58	MFE2 cap. evaporator housing
		•				S010PC58	MFE2 T.E.V. evaporator housing
			•			S010PB58	MFE3 cap. evaporator housing
			•			S010PD58	MFE3 T.E.V. evaporator housing
				•		S010PG58	MFE2 cap. evaporator housing
				•		S010PH58	MFE2 T.E.V. evaporator housing
•	•			•	•	S986P70	Capillary 12/10 (length 2.5 m)
		•				S977P70	capillary 10/10 (length 2 m)
			•			S980P70	Capillary 12/10 (length 3m)
				•	•	S978P70	Capillary 10/10 (length 3 m)
				•		S972P70	Capillary 8/10 (length 2 m)
•	•			•	•	S157P15	33-10W evaporator fan
		•	•		•	S158P15	CEFR2 evaporator fan
•	•					S327P46	double flow evap. housing cover
		•			•	S058P11	MF2/MFE2 evapo. unit casing
			•			S059P11	MFE3 evaporator unit casing

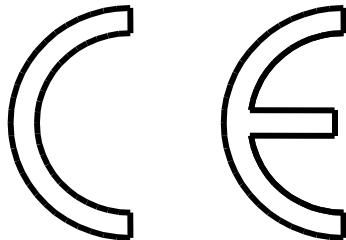
REFRIGERATING AND ELECTRIC EQUIPMENT(2ND PART)

BONNET

DECLARATION DE CONFORMITE

CONFORMITY DECLARATION

HERSTELLERKONFORMITÄTSERKLÄRUNG



TYPE / TYPE / TYP :
N° DE SERIE / SERIAL N° / FAB Nr :

Cet appareil est conforme aux dispositions de la directive « Basse tension » 73/23/CEE et de la directive « Compatibilité électromagnétique » 89/336/CEE.

This appliance complies with the provisions of the low voltage directive EEC/73/23 and with the provisions of the electromagnetic compatibility directive EEC/89/336.

Dieses Gerät entspricht nach den Bestimmungen der niederspannung-richtlinie EWG/73/23 und den Bestimmungen der elektromagnetischen Übereinstimmung-richtlinie EWG/89/336.

Il est également conforme aux dispositions de normes européennes harmonisées suivantes :

It is in compliance with the following harmonized standards :

Und entspricht ebenfalls der folgenden Europäischen Norme :

- EN 60335 - 1

Sécurité des appareils électrodomestiques et analogues

Safety of household and similar electrical appliances

Elektrische Geräte für den Haushalt und ähnliche Zwecke

DIRECTION GENERALE

Général Manager

Betriebsleiter

A handwritten signature in black ink, which appears to read 'H. GIRAUD'.